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Approved for use on 09/30/00. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

SAS-0206

First Inventor

Naotake SHUTO

Title

DIAMOND CUTTING METHOD, ENNEAHEDRAL-CUT DIAMONDS  
AND ASSEMBLY OF ENNEAHEDRAL-CUT DIAMONDSU.S. PTO  
10/14/2004

01/11/02

**APPLICATION ELEMENTS**

See MPEP Chapter 600 concerning utility patent application contents

**ADDRESS**

TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification (7 pages)  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to sequence listing, a table or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets
5. ☒ Oath or Declaration Total Pages
- a. ☒ Newly Executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(For continuation/divisional with Box 17 completed)
- 1 ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application
6. ☐ Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission\*  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies)
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers
10. ☐ 37 CFR 3.73(b) Statement (when there is no assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if Available)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information

☐ Continuation☐ Divisional☐ Continuation-in-part (CIP)

of prior application No:

**18. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label

23353

or



Correspondence address below

(Insert Customer No. or Attach bar code label here)

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Carl Schaukowitch

Registration No. 29,211

Signature



Date

January 11, 2002

01/11/02

JC698 U.S. PTO

10042204 "01.11.02"

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**FEE TRANSMITTAL  
for FY 2000***Patent fees are subject to annual revision.**Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SBO/09-12.***TOTAL AMOUNT OF PAYMENT** (\$ 510.00)**Complete if Known**

Application No.	Unassigned
Filing Date	January 11, 2002
First Named Inventor	Naotake SHUTO
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	SAS-0206

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account  
Number

18-0013

Deposit Account  
Name

Rader, Fishman and Grauer PLLC

- ☒ Charge Any Additional  
Fee Required Under  
37 CFR 1.16 and 1.17

☐ Payment Enclosed:☐ Check ☐ Money Order ☐ Other**FEE CALCULATION****BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
H01	740	201	370	Utility filing fee	370
H06	330	206	165	Design filing fee	
H07	510	207	255	Plant filing fee	
H08	740	208	370	Reissue filing fee	
H14	160	214	80	Provisional filing fee	

**SUBTOTAL (1)** (\$ 370)**2. EXTRA CLAIM FEES**

Total Claims	Extra	Fee from below	Fee Paid
7	-20=	0	0
3	-3=	0	0
Multiple Dependent		140	140

**\*\*or number previously paid, if greater; For Reissues, see below.**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** \$140.00**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
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105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**\*Reduced by Basic Filing Fee Paid****SUBTOTAL (3)** (\$ 0.00)**SUBMITTED BY**

Typed or Printed Name

Carl Schaukowitch

Signature



Date

January 11, 2002

**Complete (if applicable)**

Reg. No. 29,211

Deposit Account User ID

18-0013

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Jc978 U.S. PRO  
10/042204  
01/11/02

In re the Application of:

SHUTO

Group Art Unit:

Application No.: New Application

Examiner:

Filed: January 11, 2002

Docket No.: SAS-0206

For: DIAMOND CUTTING METHOD, ENNEAHEDRAL-CUT DIAMONDS  
AND ASSEMBLY OF ENNEAHEDRAL-CUT DIAMONDS

**CLAIM FOR PRIORITY**

Commissioner for Patents  
Washington, D.C. 20231

January 11, 2002

Sir:

The benefit of the filing dates of the following prior foreign application(s) filed in the following foreign country(ies) is hereby requested for the above-identified patent application and the priority provided in 35 U.S.C. §119 is hereby claimed:

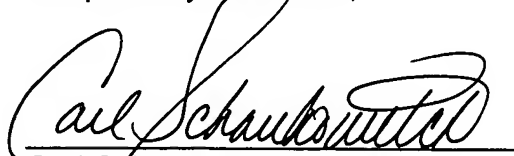
**Japanese Patent Application No. 2001-013140 filed on January 22, 2001**

In support of this claim, certified copy(ies) of said original foreign application(s) is/are filed herewith.

It is requested that the file of this application be marked to indicate that the requirements of 35 U.S.C. §119 have been fulfilled and that the Patent and Trademark Office kindly acknowledge receipt of these/this document(s).

Please charge any fee deficiency or credit any overpayment with respect to this paper to Deposit Account No. 18-0013.

Respectfully submitted,

  
Carl Schankewitch  
Registration No. 29,211

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